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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/817,243	03/27/2001	Amatzia Tzirin	P-1886-US	8041
27130	7590	10/19/2004	EXAMINER	
EITAN, PEARL, LATZER & COHEN ZEDEK LLP 10 ROCKEFELLER PLAZA, SUITE 1001 NEW YORK, NY 10020			JONES, PRENELL P	
			ART UNIT	PAPER NUMBER
			2667	

DATE MAILED: 10/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/817,243

Applicant(s)

TZIRIN, AMATZIA

Examiner

Prenell P Jones

Art Unit

2667

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 March 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 7,9 and 11 is/are allowed.
- 6) ☐ Claim(s) 1,2 and 6 is/are rejected.
- 7) ☐ Claim(s) 3-5,8,10 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Claim Objections

1. Claim 3 is objected to because of the following informalities: Applicant is claiming in line 2 "detecting the hot key", whereas, Examiner questions, if Applicant has made a type "o", wherein, line 2 should read as "detecting a hot key." Appropriate correction is required.
2. Claim 8 is objected to because of the following informalities: Applicant is claiming in line 5 "the user", whereas, Examiner questions, if Applicant has made a type "o", wherein, line 5 should read as "a user." Appropriate correction is required
3. Claim 10 is objected to because of the following informalities: Applicant is claiming in line 2 "the addressee", whereas, Examiner questions, if Applicant has made a type "o", wherein, line 2 should read as "an addressee." Appropriate correction is required

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1 and 6 are rejected under 35 U.S.C. 102(b) as being anticipated by Kikinis (US Pat 5,790,644).

Regarding claims 1 and 6, Kikinis discloses (Abstract, Figs. 1, 2A-2E, 6, 7, col. 3, line 1-43) a portable computer that provides a touch tone dialer (telephone dialing system) which enables calls to be routed without wired direct connections between telephone equipment wherein the

Art Unit: 2667

architecture includes a general purpose computer with control routines providing user interface by menus on a display screen of a computer, menus providing entry fields for data (plurality of digits/sequence of numbers), memory for storing telephone dialing data, (col. 4, line 7-20) computer driven dialer, generating ASCII coded data to coupled DTMF tones, transmitting coupled tones, and decoding tones back to ASCII data, translating ASCII code into DTMF tone signals, (col. 3, line 53-67, col. 6, line 1-8, col. 7, line 37-41) user can specify, selects call numbers, and other information by using keyboard, to make a call the user activates the dialer application from the keyboard, data transfer applications (col. 4, line 27-67) computer menus include automatic dialing and manual dialing, (col. 7, line 37-41) data entry stored in databases, (col. 4, line 38-43), user enters a number/plurality digits in the entry field for a call and the call is initiated by the user by selecting "click here to dial" only when the correct number is displayed. The indication that "when the correct number/digits is displayed" suggest that validation of the plurality digits/sequence (data string) of digits is performed before dialing is initiated.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kikinis in view of McCalmont.

Art Unit: 2667

Regarding claim 2, as indicated above, Kikinis discloses (Abstract, Figs. 1, 2A-2E, 6, 7, col. 3, line 1-43) a portable computer that provides a touch tone dialer (telephone dialing system) which enables calls to be routed without wired direct connections between telephone equipment wherein the architecture includes a general purpose computer with control routines providing user interface by menus on a display screen of a computer, menus providing entry fields for data (plurality of digits/sequence of numbers), memory for storing telephone dialing data, (col. 4, line 7-20) computer driven dialer, generating ASCII coded data to coupled DTMF tones, transmitting coupled tones, and decoding tones back to ASCII data, translating ASCII code into DTMF tone signals, (col. 3, line 53-67, col. 6, line 1-8, col. 7, line 37-41) user can specify, selects call numbers, and other information by using keyboard, to make a call the user activates the dialer application from the keyboard, data transfer applications (col. 4, line 27-67) computer menus include automatic dialing and manual dialing, (col. 7, line 37-41) data entry stored in databases, (col. 4, line 38-43), user enters a number/plurality digits in the entry field for a call and the call is initiated by the user by selecting "click here to dial" only when the correct number is displayed. The indication that "when the correct number/digits is displayed" suggest that validation of the plurality digits/sequence (data string) of digits is performed before dialing is initiated. However, Kikinis is silent on storing data entry/data string in SQL database. In analogous art, McCalmont discloses (Abstract, Fig. 1, col. 5, line 3-36) call center wherein the architecture includes a computer/telephony server, which runs by application/software, telephony server manages a server database wherein the database contains various tables of user identifying information which assist in the transfer of calls, the database preferred are relational and support SQL for manipulation and definition languages, and (col. 5, line 61-67) telephony server updates tables associated with databases with user/customer identifying data. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the

Art Unit: 2667

invention to be motivated to implement using SQL database in a computer application dialing system as taught by McCalmont with the teachings of Kikinis, who also teaches a computer application dialing system for the purpose of convenient manipulation of data in various formats to aid in the transfer of data.

Allowable Subject Matter

1. Claims 7-11 are allowed over prior art.
2. Claims 3-5 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
3. The following is a statement of reasons for the indication of allowable subject matter:
Although the combined cited prior art of Pitroda et al who teaches a telephone/computer architecture that includes an automatic dialer/dialing unit wherein data entry of a plurality of digits is displayed on a screen, Richardson Jr. et al who teaches a calling system wherein each digit dialed is validated, Williams who teaches a wireless telephone wherein the user interface include a display, keypad, dialing mode, validation of number string, Kikinis who teaches a portable computer that provides a touch tone dialer (telephone dialing system) which enables calls to be routed without wired direct connections between telephone equipment wherein the architecture includes a general purpose computer with control routines providing user interface by menus on a display screen of a computer, menus providing entry fields for data, memory for storing telephone dialing data, computer driven dialer, generating ASCII coded data to coupled DTMF tones, transmitting coupled tones, and decoding tones back to ASCII data, translating ASCII code into DTMF tone signals, user can specify, selects call numbers, and other information by using keyboard, to make a call the user activates the dialer application from the

Art Unit: 2667

keyboard, data transfer applications, computer menus include automatic dialing and manual dialing, data entry stored in databases, user enters a number/plurality digits in the entry field for a call and the call is initiated by the user by selecting "click here to dial" only when the correct number is displayed. The indication that "when the correct number/digits is displayed" suggest that validation of the plurality digits/sequence (data string) of digits is performed before dialing is initiated, and McCalmont who teaches a call center wherein the architecture includes a computer/telephony server, which runs by application/software, telephony server manages a server database wherein the database contains various tables of user identifying information which assist in the transfer of calls, the database preferred are relational and support SQL for manipulation and definition languages, and telephony server updates tables associated with databases with user/customer identifying data, they fail to teach or suggest identifying digits by activating and detecting the hot key to be used in marking and unmarking the digit event, registering video read/write buffers, sorting and grouping of each digit and determining unexpected or unusual formats of each digit, transferring a string of alphanumeric text to dialing unit to initiate dialing if at least one highlighted string of alphanumeric text matches data in database.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prenell P. Jones whose telephone number is 571-272-3180. The examiner can normally be reached on 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on 571-272-3179. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2667

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Prenell P. Jones

October 18, 2004

A handwritten signature in black ink, appearing to be 'PJ' or 'P. Jones', written over the date.